19” Screen with Built in Computer EN055K007

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Please read the wall mount installation instructions. (see page 4) and powering the screen on and off before use. (see page 6)

1. Your Screen with in-built Computer

The product is guaranteed for 12 months from the date of shipment, unless a greater or lesser period is shown on the invoice or quotation. In case of problems with this equipment, please ring 01223 263818 and ask for Service, or email support@torchcomputers.co.uk. We will attempt to establish the nature of the problem over the phone or by email, and will then advise you on the best course of action. If necessary, the equipment must be returned to the address on the cover for servicing to be carried out. You must pay carriage to us.

This equipment has been supplied in accordance with the CE rules for compliance with BS-EN 500081-1:1922, 500081-2:1922, and 500082-1:1922 and Amendment 93/68/ECC LVD, RoHS material supply and WEEE Disposal Directives.

A Declaration of Conformity can be obtained from Torch.

Torch specialises in producing individual computers to each customer's exact requirements. In order to comply with our duties under these CE rules it is Torch policy to use components that have been proven as part of a test in an authorised test house, or components that are generically similar.

Please note that this compliance will be invalidated if the equipment is modified in any way.

Torch Screen with in-built Computer

Welcome to Torch Computers, and thank you for choosing this high quality product, assembled in Cambridge from carefully selected internationally sourced system components.

Your Torch Computer is designed to give you long and reliable service and is backed by a guarantee detailed on the sheet attached to your invoice. Should you require further information, please contact Torch with details of your requirements.

http://www.torchcomputers.co.uk

Torch systems are assembled to suit each client's requirements, and therefore are widely differing in the combination of components that are used for each individual system. This manual provides general information.

When your system was built, the serial number of each component was recorded; these serial numbers were used to produce your Guarantee. This tells you which parts made up your system at the time of delivery to you from Torch.

Please keep your original packaging, as this helps to prevent damage if your screen has to be returned.

2. Unpacking and Repacking

UNPACKING

Slit the packaging tape at the top of the box and open up the flaps, and lift out the top foam block.

Lift out the entire screen with two hands, do not touch the screen surface, and remove from plastic bag.

REPACKING

Place bag over screen, pick up screen with two hands, do not touch the screen surface, and place in box screen side up. Insert top foam block, and close the flaps at the top of box, and seal with packaging tape.

3. Safety Information

Disconnect all power cables before adding or removing devices, cables or adapters, etc. to or from the system.

Make sure the power supply is set to the correct voltage for your area.

Always ask qualified personnel to carry out maintenance jobs. Otherwise you are putting yourself as well as others at risk. If the power supply is broken, do not try to fix it yourself, contact a qualified service technician.

There are no user serviceable parts inside.

For Technical or Support Advice please email:

support@torchcomputers.co.uk

VOLTAGE SELECTION

The computer and LCD Screen have been supplied to operate on 100-230 VAC. The mains supply can be either 60 or 50Hz. The system automatically accommodates itself to the voltage. There is no need to make any changes to the system.

Power consumption:

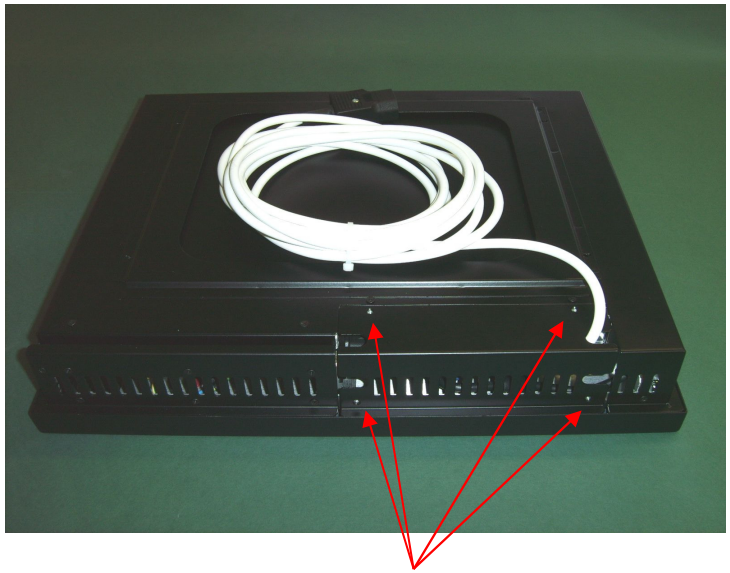
While powering up: 93W, in use: 75W, on standby: 23W

Mains leads supplied:

a) UK square pin (13A max) fitted with 5 amp fuse
b) European (Schuco), without fuse
c) USA 3-pin, without fuse

d) Mains input lead 5 metres (attached)

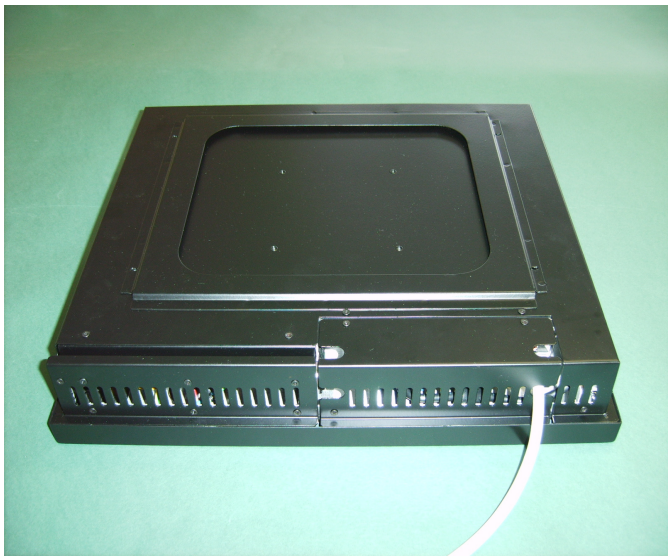
3.1 Hatch removal



Hatch access screws

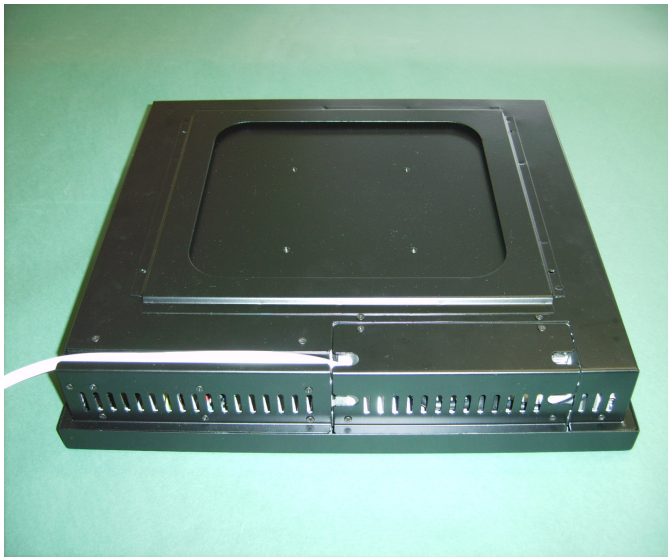
The cable in the above picture can be led out from the screen in a number of different ways, according to the needs of the installation, with connector access shown.

3.2 Cable lead out from screen



Landscape bottom left.

Portrait bottom left or centre wall entry.



5. Connector Types (Access Hatch)

On the right of the connector diagram is the standard symbol used for this connection

Mains

Computer in

Monitor out

PS/2 — Keyboard (mauve)
Mouse (green) (same type of connector)

Old style Keyboard — Obsolete AT-style keyboard connector

Monitor — D type female 15 hole, 3 row (blue)

Game — D type female 15 hole, 2 rows (yellow)

Printer — D type female 25 hole, 2 rows (purple)

Serial — D type male 9 pin, 2 rows (dark green)

Serial — D type male 25 pin, 2 rows (rare)

Audio - round jack socket — speaker (green); line in/out (blue); microphone (pink)

USB — USB (Universal Serial Bus)

Modem — phone — US-style Telephone connector 4 pin
line (connect from here to the phone socket)

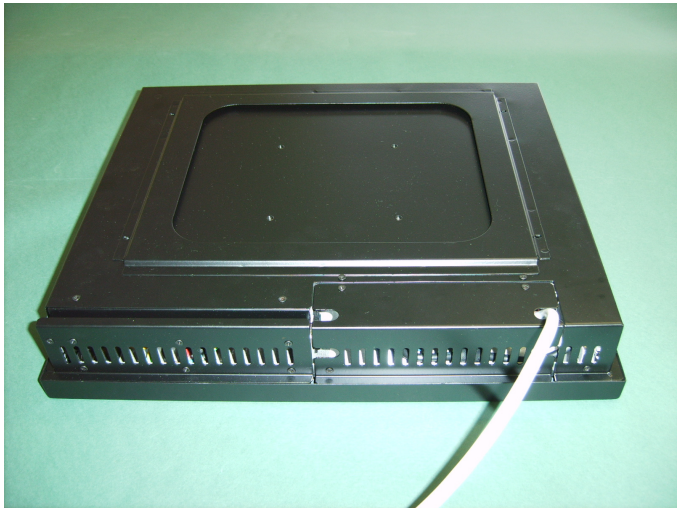
Ethernet

Fireware — IEEE 1394

Your computer will have some of these connectors, but not necessarily all of them.

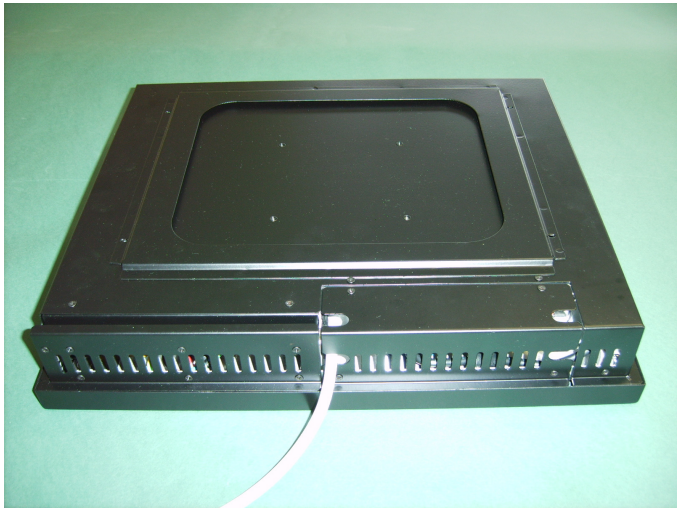
The above is provided as technical information, but for use as an artwork you will only need the mains inlet, and not any of the other connectors.

3.3



Landscape bottom left wall entry.

Landscape centre.



4. Wall Mounting

This Torch 19 inch screen with in-built computer has a wall-mounting method, designed to make installation simple and effective.

IMPORTANT SAFETY NOTE

These wall mounting instructions are for information only. It is the sole responsibility of the installer to ensure that the wall is strong enough to hold the screen and that the entire installation is safe.

A special template is included with the system. Hold the template against the wall in either the portrait or landscape orientation according to the nature of the artwork.

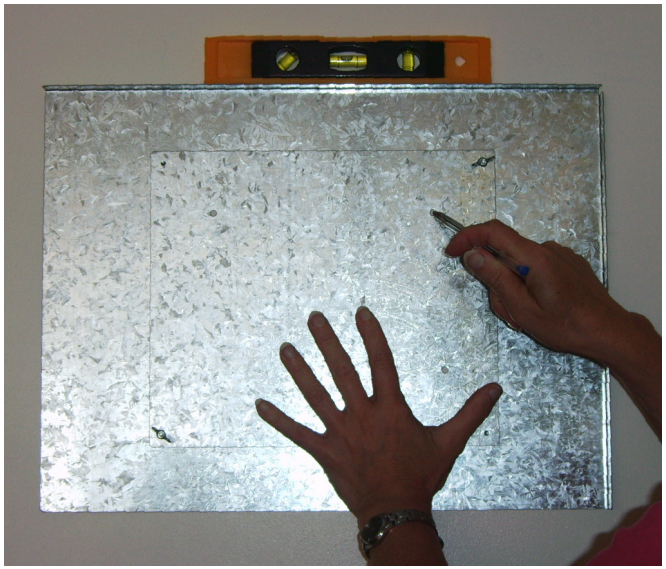
4.1 Portrait orientation

The outer part of the template is the same shape and size as the screen

Place the spirit level on the ledge at the top of the outer part of the template and ensure that the whole plate is level.

Mark through the two holes at the top of the inner part of the template.

4.1 Landscape orientation



The outer part of the template is the same shape and size as the screen

Place the spirit level on the ledge at the top of the outer part of the template and ensure that the whole plate is level.

Mark through the two holes at the top of the inner part of the template.

For solid wall of masonry, with or without plaster, use an 8mm drill (5/16th inch) and drill two holes 45 mm (1 ¾ inches) deep where the marks were made using the template.

4.2 Hanging the Screen

For walls made from wooden stud work covered with plasterboard (“dry-walling”), the fixings provided are not suitable for fixing directly to the plasterboard.

If the studwork is, in the opinion of the installer, is strong enough to support the weight of the screen, the fixings provided can be used, provided that the screws are fixed through the plasterboard directly into the wooden studwork. In this case plastic plugs are not required. If an electric screwdriver is used, the screws provided can be screwed directly into the wood without a pilot hole.

Use the screws to fix the wall mount to the wall. Don’t screw them so tightly that it can’t be levelled, but do screw them so that it is snug against the wall.

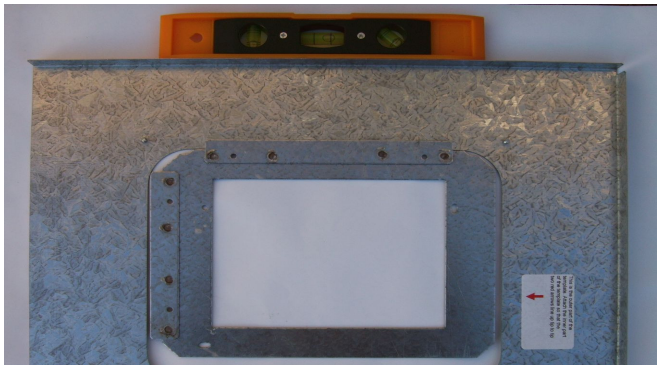
The illustrations above are for landscape mounting, but the portrait orientation is achieved in the same way, only with the template rotated through 90 degrees.

4.3 Levelling the wall mount

Remove the M3 wing nuts and remove the inner part of the template, and hang the outer part over the wall mount with the spirit level on.

If the template is not level, move the slotted end to bring it level.

The screws should now be tightened. The template is removed and the screen is hung on the wall mount.



6. Powering on and off

Powering on

As delivered, the screen will power up when the mains power is applied. If it does not, then press button 2, the “LCD Screen on/off” button. (See section 7)

To start the computer, locate the red button below the touch control panel, and press it once briefly.

The computer will start and the LCD panel will come on. A few seconds after the equipment starts up the windows logo will be displayed.

No further user intervention should be necessary, as the screen is shipped in a configuration such, that the artwork animation will start operating automatically as soon as the computer has completed its initialisation.

Powering off

WARNING: Do not UNPLUG or SWITCH of the mains input supply to the screen, as this can cause failure of the computer to START correctly.

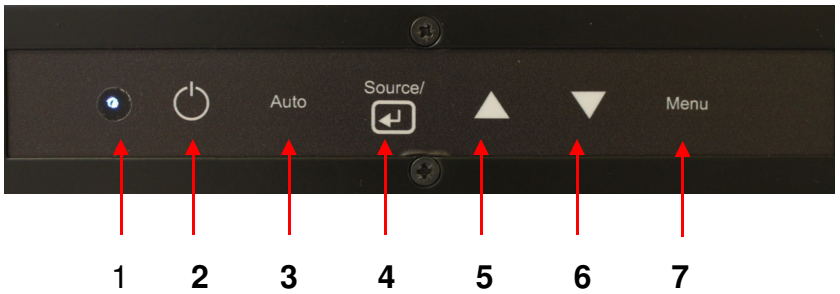
Powering off when the artwork is running, locate the red button below the touch control panel, press the red button briefly and the computer will shortly shut down and turn off, then it is safe to switch off or unplug.

If the computer is still initialising, wait until the artwork is running before switching off or unplugging.

7. Screen Control Buttons

To access the On Screen Menu

1 Screen Power LED (blue if fitted)
2 LCD Screen On/Off
3 Auto (setup)
4 Source
5 Up +
6 Down -
7 On Screen Menu



These are the push button type.

The buttons click when pressed.

The screen is delivered set up correctly. It should not be necessary to make any adjustments.